

**PATENT ABSTRACTS OF JAPAN**(21) Application number: **61024177**(51) Intl. Cl.: **B41M 5/00 B41M 7/00**(22) Application date: **07.02.86**

(30) Priority:	(71) Applicant: <b>CANON INC</b>
(43) Date of application publication: <b>11.08.87</b>	(72) Inventor: <b>HASEGAWA KENJI</b> <b>ARAI RYUICHI</b> <b>AKITANI TAKASHI</b> <b>HIKUMA MASAHIKO</b>
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**(54) FORMING OF  
LIGHT-  
TRANSMITTING  
PRINTED MATTER**

(57) Abstract:

**PURPOSE:** To prevent recorded images from being deformed or damaged, by performing a heating treatment under the condition where a heating element is out of contact with a recording surface.

**CONSTITUTION:** When subjecting a recorded image to a heating treatment after recording, the heating treatment of a recording surface is performed while maintaining a heating element out of direct contact with the recording surface, whereby the recorded image is not deformed or damaged in any way, and an excellent light-transmitting printed matter can be obtained. An ink-absorbing layer provided on a transparent base is provided in the form of a porous layer comprising thermoplastic resin particles

and a high molecular weight binder as main constituents.

Transparentization by the heating treatment is preferably carried out by, for example, a method of heating by radiations such as IR rays, laser rays, electron rays and microwaves or a hot-air heating method.

Alternatively, a system in which a solid high temperature body (e.g., a heated roll), a high temperature liquid or the like is brought into contact with the back side of a recording material may be used.

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